

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 1. (Currently amended): An electronic commerce method for sending and
2 receiving an electronic document between two or more information processors connected via a
3 network, said method comprising the steps of:
4 encrypting electronic document data, processing the electronic document data
5 after the encrypting step, packaging the encrypted electronic document data and the processed
6 electronic document data as a parcel comprising both the encrypted electronic document data and
7 the processed electronic document data, and sending the package parcel by an electronic-
8 document sending processor; and
9 un-packaging received data parcel into processed electronic document data and
10 encrypted electronic document data, restoring the processed electronic document data,
11 decrypting the encrypted electronic document data, and checking whether the restored electronic
12 document data matches the decrypted electronic document data by an electronic-document
13 receiving processor.

1 2. (Original): The electronic commerce method according to claim 1,
2 wherein template data common to at least two processors is provided,
3 wherein, when the electronic document data is processed, said electronic-
4 document sending processor extracts difference information between the electronic document
5 data and the template data and
6 wherein, when the processed electronic document data is restored, said electronic-
7 document receiving processor combines the template data and the difference information.

1 3. (Original): The electronic commerce method according to claim 2,
2 wherein, when the electronic document data is processed, the difference
3 information is compressed and
4 wherein, when the processed electronic document data is restored, the compressed
5 difference information is decompressed.

1 4. (Original): The electronic commerce method according to claim 1,
2 wherein, when the electronic document data is processed, said electronic-
3 document sending processor compresses the electronic document data and
4 wherein, when the processed electronic document data is restored, said electronic-
5 document receiving processor decompresses the compressed electronic document data.

1 5. (Original): The electronic commerce method according to claim 1,
2 wherein, when the electronic document data is encrypted, a message digest of the
3 electronic document data is calculated and the message digest of the electronic document data is
4 encrypted and
5 wherein, when whether the restored electronic document data matches the
6 decrypted electronic document data is checked, a message digest of the restored electronic
7 document data is calculated and whether the calculated message digest matches the decrypted
8 message digest is checked.

1 6. (Original): The electronic commerce method according to claim 5,
2 wherein template data common to at least two processors is provided,
3 wherein, when the electronic document data is processed, said electronic-
4 document sending processor extracts difference information between the electronic document
5 data and the template data and
6 wherein, when the processed electronic document data is restored, said electronic-
7 document receiving processor combines the template data and the difference information.

1 7. (Original): The electronic commerce method according to claim 6,
2 wherein, when the electronic document data is processed, the difference
3 information is compressed and
4 wherein, when the processed electronic document data is restored, the compressed
5 difference information is decompressed.

1 8. (Original): The electronic commerce method according to claim 5,
2 wherein, when the electronic document data is processed, said electronic-
3 document sending processor compresses the electronic document data and
4 wherein, when the processed electronic document data is restored, said electronic-
5 document receiving processor decompresses the compressed electronic document data.

1 9. (Currently amended): An electronic commerce system for sending and
2 receiving an electronic document between two or more information processors connected via a
3 network,
4 wherein an electronic-document sending processor comprises means for
5 encrypting electronic document data; means for processing the electronic document data; means
6 for packaging the encrypted electronic document data and the processed electronic document
7 data as a parcel comprising both encrypted electronic document data and processed electronic
8 document data; and means for sending the package parcel; and
9 wherein an electronic-document receiving processor comprises means for un-
10 packaging received data parcel into processed electronic document data and encrypted electronic
11 document data; means for restoring the processed electronic document data; means for
12 decrypting the encrypted electronic document data; and means for checking whether the restored
13 electronic document data matches the decrypted electronic document data.

1 10. (Original): The electronic commerce system according to claim 9,
2 wherein template data common to at least two processors is provided,
3 wherein said electronic-document sending processor further comprises means for
4 extracting difference information between the electronic document data and the template data for
5 use when the electronic document data is processed, and
6 wherein said electronic-document receiving processor further comprises means
7 for combining the template data and the difference information for use when the processed
8 electronic document data is restored.